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(54) **Audio adjustment device and television receiving device providing the same**

(57) An audio adjustment device (4) including a plurality of filters (43) respectively amplifying or attenuating signal components of a multiplicity of frequency bands among input audio components, an adjustment part (44) that adjusts gain characteristics of the plurality of filters (43), and a characteristic display part (5) that displays gain characteristics adjusted by the adjustment part (44).

The adjustment part (44) is capable of independently adjusting gain in signal components of central frequencies (fr) of signal components subject to amplification or attenuation by the filters (43), and Q value of gain characteristics (G2) of the filters (43). The characteristic display part (5) displays the gain characteristics (G2) of the plurality of filters (43) in a row along one frequency axis (L1).

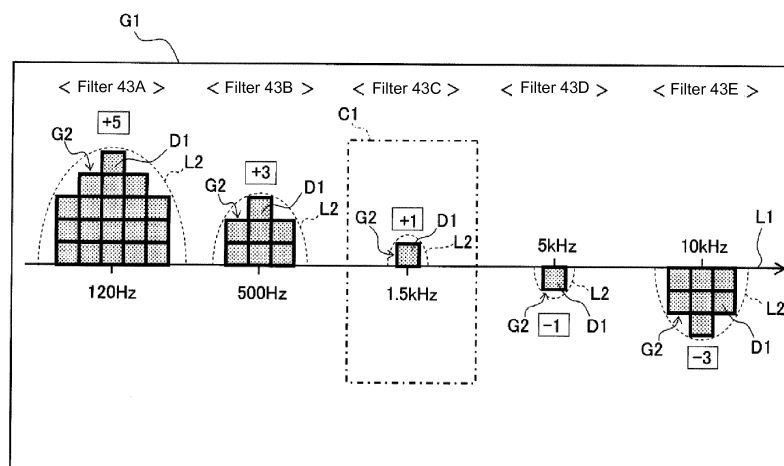


FIG.3



EUROPEAN SEARCH REPORT

Application Number
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* paragraphs [0003], [0004], [0030], [0032] - [0034]; figures 3A,3B,4-12 *	2	
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X	US 4 939 782 A (GAMBACURTA JR ANTHONY A [US] ET AL) 3 July 1990 (1990-07-03)	1	
Y	* column 4, lines 1-15; figures 1,4,15 * * column 5, line 25 - column 6, line 10 *	2	
X	US 6 999 826 B1 (ZHOU JIAN [US] ET AL) 14 February 2006 (2006-02-14)	1	TECHNICAL FIELDS SEARCHED (IPC) H03G
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 29 November 2013	Examiner Fritzsche, H
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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